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30 November 1944

UNITED STATES ARMY
SERVICE OF SUPPLY
S. W. P. A.

★
November

30 DEC 1944

Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations:

WIA - Wounded in action
 IIA - Injured in action
 N-B Injury - Non-battle injury
 FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates: This term applies to deaths from all causes among the entire army in the theater, as distinct from death rates specific for cause, age, risk, and so on.

November 1944

1. NON-EFFECTIVENESS

The non-effective rate declined, although the estimated rate for October (4.4%) was higher than the corrected rate (4.1%). The estimated non-effective rate for November is 3.9%.

2. ADMISSION TO SICK REPORT

The admission rate to sick report for October increased over that for September as predicted in the preceding report. The estimated admission rate to sick report for November is somewhat higher than for October. Incomplete returns for December indicate that the rate will be somewhat higher. There was an increase in the rate for Diarrheal Diseases, Malaria, Fevers of Undetermined Origin, and Dengue. There was a decrease in the rates for Non-Battle Injury and Respiratory Diseases.

3. DEATHS

The crude death rate for the theater showed a marked increase during October due chiefly to those killed in action and those dying of battle wounds. The death rate for non-battle injury declined.

4. EVACUATIONS

There was no significant change in the evacuation rate during the month of October over that of the preceding month. There was an increase in the rate for those boarded and awaiting evacuation to the United States. There were five hundred and twenty (520) air evacuations to the United States during the month of October.

5. HOSPITAL BEDS

There was an increase in fixed beds available of approximately 6600 in the theater due largely to transfer of beds from Pacific Ocean Area and construction. There was also an increase in mobile beds. The percentage of T/O beds occupied in the Bases was 76.2% against 74% for October. There were 6012 vacant beds in the Bases as of 9 December 1944. From those vacant beds it was necessary to allocate 7000 bed credits for the Leyte Operation. Therefore, there was barely sufficient beds in the Bases to support the operation.

6. ACCIDENT PREVENTION

On 1 May 1944, the AC/S, G-3, Hq USASOS was delegated by the Commanding General, USASOS to initiate a program for "accident prevention". A comparison of non-battle casualty rates before and after the establishment of this program is shown on Page 10.

7. NUTRITION

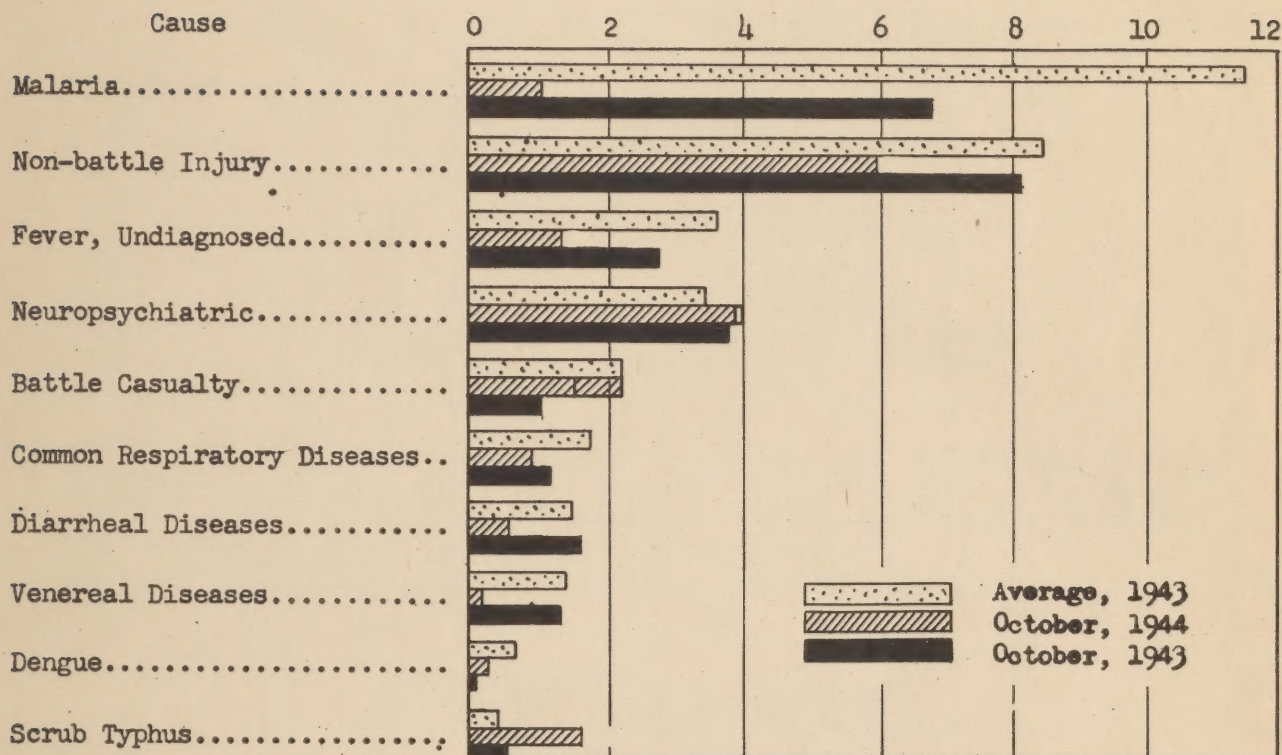
Data on a ration-supplement, hospital, has been received and estimated requirements for this item for 1945 have been submitted. It is probable that first supplies of this ration-supplement will not be available until March 1945. Analyses of the supplemental ration items which are to be used in conjunction with regular field rations show that about one-third of the amounts of the necessary nutriment exist in the new supplementary items. The attached table shows the increase in nutriment resulting by adding the supplemental-ration to the regular type rations. Included also are analyses of our present rations, ration scale, the minimum nutritional requirements and the dietary needs established for S.W.P.A. It is clear from the table that all rations as planned for S.W.P.A. provide an adequate dietary.

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LEADING CAUSES OF NONEFFECTIVENESS - OCTOBER, 1944

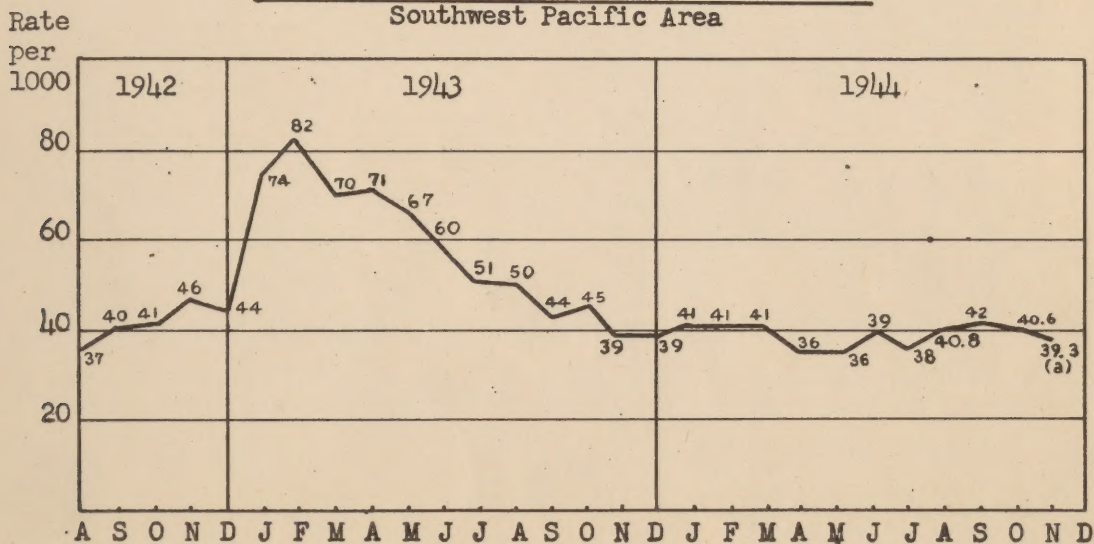
(Based on Reported Conditions)

Army Personnel Remaining on Sick Report
per Thousand



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND

Southwest Pacific Area



(a) Estimated, in that this rate is based on Abbreviated (Radio-graphic) Weekly Statistical Reports.

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ADMISSIONS TO SICK REPORT ALL CAUSES

Rates per Thousand per Annum(a)

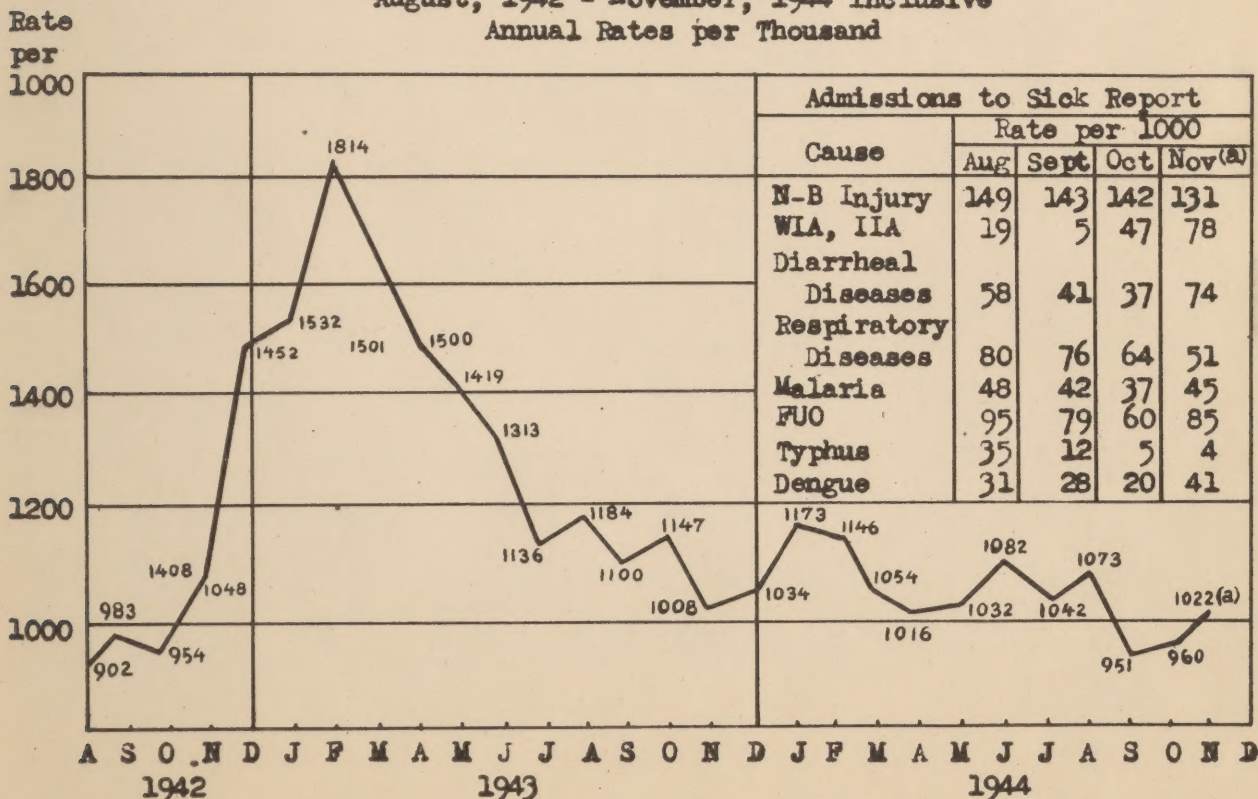
Command	1944				Comparative Admission Rates November, Annual Rates per 1000					
	Aug.	Sept	Oct.	Nov.(a)	300	600	900	1200	1500	1800
SWPA, ALL	1073	951	960	1022 (b)						
SOS Bases										
Mainland	745	688	726	691						
New Guinea	975	948	910	939						
"A"	1148	1124	1206	976						
"B"	848	744	725	797						
"D"	729	644	765	945						
"E"	840	696	895	716						
"F"	779	712	666	801						
"G"	1368	1437	1187	1183						
"H"	2212	1212	929	938						

(a) All of the rates above are computed on the basis of consolidated monthly statistical health reports (WDMD 86ab) with the exception of November 1944 which is based on the weekly abbreviated statistical report. Above rates are subject to change upon receipt of late reports.

(b) Does not include the FEAF for last three weeks in November.

ADMISSIONS TO SICK REPORT, SWPA

August, 1942 - November, 1944 inclusive
Annual Rates per Thousand



(a) Based on abbreviated radiographic statistical report.

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SECRETDEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru October; and October, 1944
 Absolute Numbers and Crude Annual Rates per Thousand*

Cause	1943		1944 thru October		October, 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate per 1000
Non-battle injury, all	576	3.010	1177	2.797	147	2.691
Accidents, all	535	2.796	1063	2.526	136	2.490
Automobiles	60	0.314	135	0.321	19	0.348
Street cars	1	0.005	2	0.005	-	-
Motorcycles	4	0.021	-	-	-	-
Railroad	12	0.063	3	0.007	-	-
Air Transportation	291	1.521	265	0.630	19	0.348
Water Transportation	4	0.021	3	0.007	-	-
Drowning	46	0.240	230	0.547	33	0.604
Burns	14	0.073	62	0.147	11	0.201
Falls	15	0.078	16	0.038	4	0.073
Firearms	58	0.303	122	0.290	20	0.366
Electrocutions	4	0.021	10	0.024	-	-
Animals	2	0.010	-	-	-	-
Poisoning	6	0.031	8	0.019	-	-
Others	18	0.094	207	0.492	30**	0.549
Suicides, all	31	0.162	93	0.221	10	0.183
Homicides, all	10	0.052	21	0.050	1	0.018
Diseases, all	154	0.805	394	0.936	48	0.879
Died of Battle Wounds	102	0.533	575	1.366	116	2.124
Killed in action	1010	5.278	3033	7.207	801***	14.664
Total Deaths, all causes	1842	9.625	5179	12.307	1112	20.357

* Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late reports.

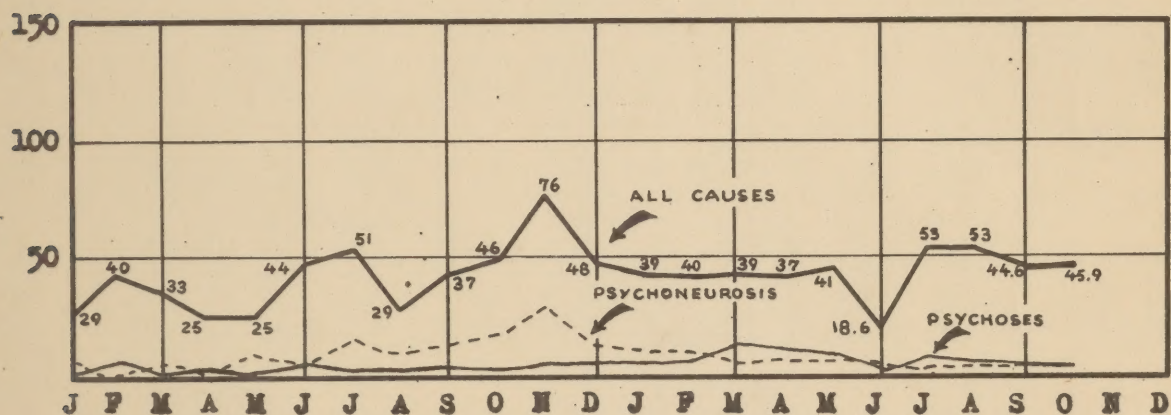
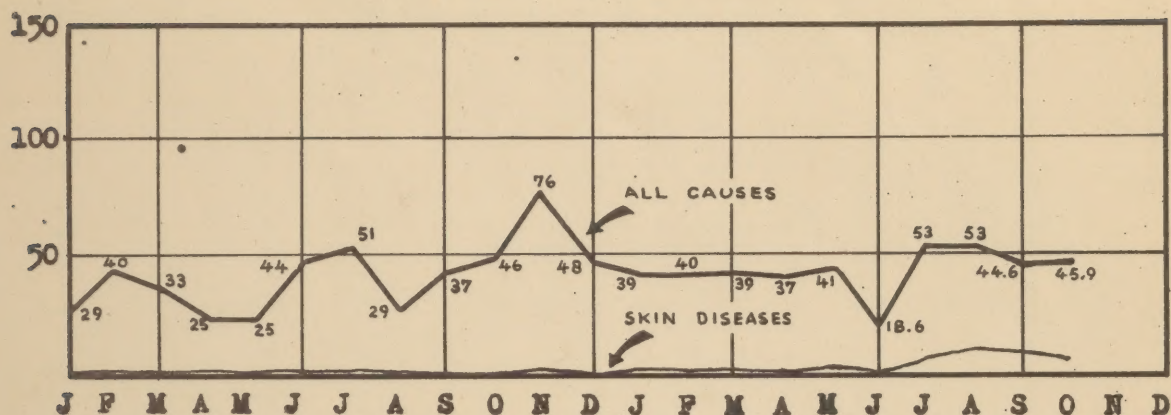
** (Falling trees - 6, Explosions - 7, Judicial - 6, Machinery - 4, Others - 7.

*** (3 KIA in September report late; 3 previously reported MIA, 1 May 1944
 1 August 1944, 1 September 1944; Included only in table for 1944 thru October)

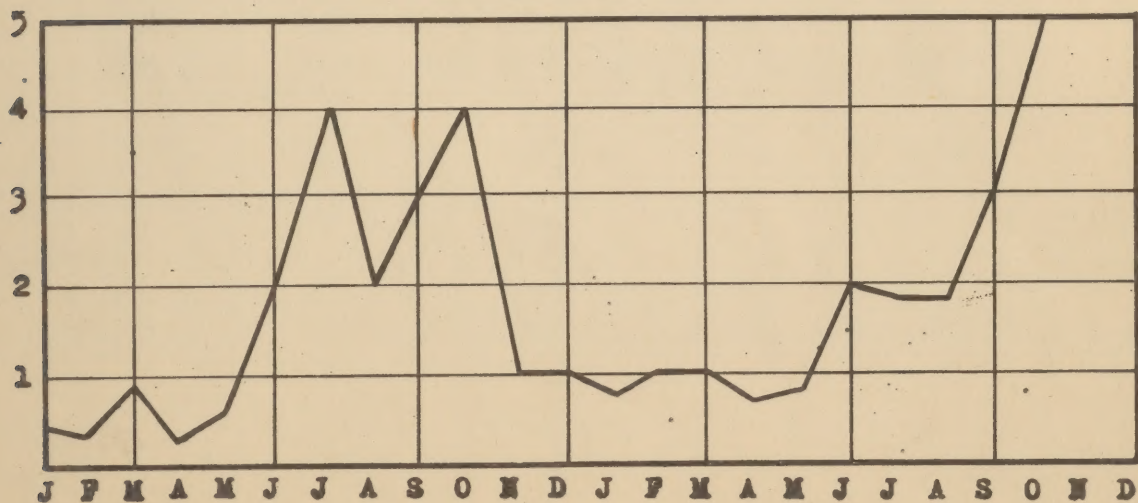
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MEDICAL EVACUATIONS, SWPA TO UNITED STATES
January, 1943 - Oct., 1944, Inclusive
 Rates per Thousand per Annum



MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES
January, 1943 - Oct., 1944, Inclusive
 Rates per Thousand



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MEDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES
Absolute Numbers and Rates per Thousand per Annum**

MEAN STRENGTH	191366			410308			661598			672733			710119		
	Year 1943			1st Six Mo. 1944			August			September			October		
	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%
ARTHRITIS	493	2.58	5.94	365	1.78	5.15	162	2.94	5.51	99	1.77	3.96	124	2.10	4.56
ASTHMA	480	2.51	5.79	358	1.74	5.05	115	3.09	3.91	84	1.50	3.36	69	1.17	2.54
NEOPLASM	31	0.16	0.37	49	-	0.69	13	0.24	0.44	20	0.36	0.80	20	0.34	0.74
CARDIO-VASCULAR	215	1.12	2.59	177	0.86	2.49	40	0.73	1.36	27	0.48	1.08	26	0.44	0.96
OTHER HYPERTENSION	59	0.31	0.71	39	0.19	0.55	16	0.29	0.54	10	0.18	0.40	9	0.15	0.33
DEFECT OR DEFORMITY															
(NON-MENTAL) DERMATITIS	401	2.10	4.83	437	2.13	6.16	79	1.43	2.69	49	0.87	1.96	58	0.98	2.13
DIABETES	236	1.23	2.85	557	2.71	7.85	642	11.64	21.83	579	10.33	23.15	437	7.38	16.08
PEPTIC ULCER	38	0.20	0.46	14	0.07	0.20	3	0.05	0.10	4	0.07	0.16	2	0.03	0.07
PIRIASIS	286	1.49	3.45	120	0.58	1.69	46	0.83	1.56	58	1.03	2.32	28	0.47	1.03
MALARIA AND SEQUELAE	38	0.20	0.46	33	0.16	0.47	1	0.02	0.03	3	0.05	0.12	-	-	-
TYPHUS AND SEQUELAE	108	0.56	1.30	15	0.07	0.21	8	0.15	0.27	5	0.09	0.20	4	0.07	0.15
TUBERCULOSIS	17	0.09	0.20	25	0.12	0.35	28	0.51	0.95	26	0.46	1.04	18	0.30	0.66
NEUROSTHILIS	97	0.51	1.17	95	0.46	1.34	20	0.36	0.68	42	0.75	1.68	24	0.41	0.88
OTHER VENEREAL	44	0.23	0.53	25	0.12	0.35	10	0.18	0.34	4	0.07	0.16	4	0.07	0.15
BATTLE CASUALTY AND SEQUELAE	9	0.05	0.11	3	0.01	0.04	-	-	-	2	0.04	0.08	2	0.03	0.07
NON-BATTLE INJURY AND SEQUELAE	551	2.88	6.64	344	1.68	4.85	336	6.09	11.42	270	4.82	10.79	162	2.74	5.96
PSYCHOSES, ALL CONSTITUTIONAL PSYCHOPATHIC STATES	751	3.92	9.05	696	3.39	9.81	267	4.84	9.08	224	4.00	8.95	271	4.58	9.97
MENTAL DEFICIENCY	862	4.50	10.39	1366	6.66	19.26	376	6.82	12.78	303	5.40	12.12	292	4.93	10.74
PSYCHOSES, ALL CONSTITUTIONAL PSYCHOPATHIC STATES	70	0.37	0.84	3	0.01	0.04	1	0.02	0.03	-	-	-	3	0.05	0.11
MENTAL DEFICIENCY	48	0.25	0.58	1	0.004	0.01	2	0.04	0.06	2	0.04	0.08	1	0.02	0.04
PSYCHOSES, ALL CONSTITUTIONAL PSYCHOPATHIC STATES	2309	12.03	27.77	1370	6.68	19.31	308	5.59	10.48	294	5.24	11.76	291	4.92	10.70
ORGANIC NEUROLOGICAL OTHER CONDITIONS	101	0.53	1.22	99	0.48	1.40	43	0.78	1.46	22	0.39	0.88	27	0.46	0.99
ALL	122	0.64	1.47	137	0.67	1.93	69	1.25	2.35	78	1.39	3.12	65	1.10	2.39
TOTAL	934	4.88	11.26	766	3.73	10.80	355	6.44	12.09	296	5.28	11.83	* 781	13.20	28.73
	8294	43.34	100.00	7094	34.58	100.00	2940	53.32	100.00	2501	44.61	100.00	2718	45.93	100.00

* 460 boards received too late to classify and were included in other conditions, all.

** Subject to correction upon receipt of late reports.

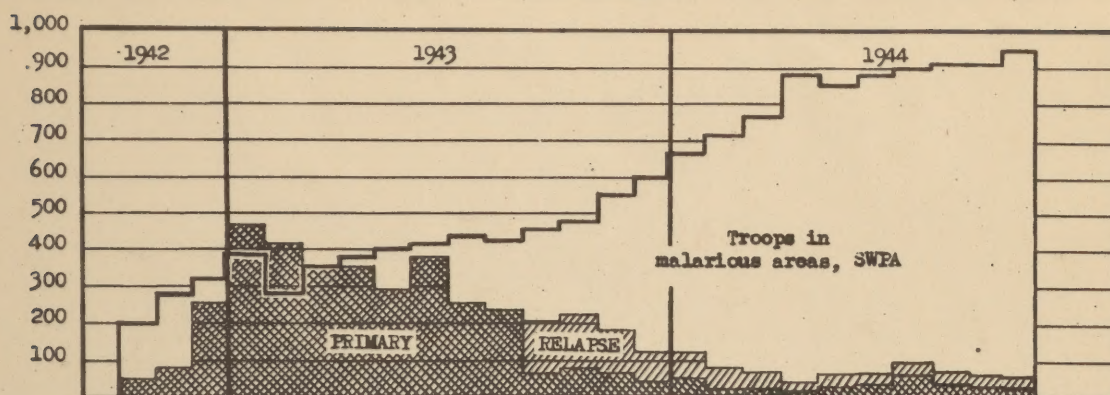
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RATE
PER
1000

S.W.P.A. MALARIA ATTACK RATES

Per 1,000 Per Annum



- S O N D J F M A M J J A S O N D J F M A M J J A S O N D
- (a) Strength based on station lists, USAFFE.
(b) Rates computed from WDMO 86ab.
(c) Relapse rates prior to Sept. '43 not available.

MALARIA ATTACK RATE - SWPA - OCT. 1944

	GHQ USAFPE		USASOS		ARMY		AIR FORCE		14TH AA		TOTAL	
	C	R	C	R	C	R	C	R	C	R	C	R
ORO BAY - DOBODURA	65	39	72	45	35	13	2	53	3	33	177	29
PINSCHMAFEN - SAIDOR	1	76	84	33	25	18	14	14	13	16	137	24
MILNE BAY - GOODENOUGH	0	0	24	12	1	40	0	0	8	19	33	14
LAE - NADZAB	0	0	29	39	0	0	29	30	11	39	69	35
HOLLANDIA - AITAPE	1	18	54	19	327	66	50	39	19	39	451	47
SIK - TOEM - WADKE - NOEMFOOR	0	0	97	51	154	50	166	38	23	44	440	46
BOUGAINVILLE	0	0	0	0	155	42	0	0	0	0	155	42
ADMIRALTY	0	0	6	24	16	11	1	4	0	0	23	12
CAPE GLOUCESTER - ARAWA	0	0	2	23	18	13	0	0	1	7	21	14
SANSAPOR	0	0	12	26	32	21	16	20	5	33	65	22
MDROTAI	0	0	17	25	150	70	24	41	4	13	195	52
TREASURY - EMIRAU - GREEN	0	0	0	0	22	9	0	0	0	0	22	9
TOTAL	67	38	397	30	935	50	302	33	87	27	1768	34

C - TOTAL CASES R - RATE PER THOUSAND PER ANNUM

TOTAL SWPA: SEPT. OCT.

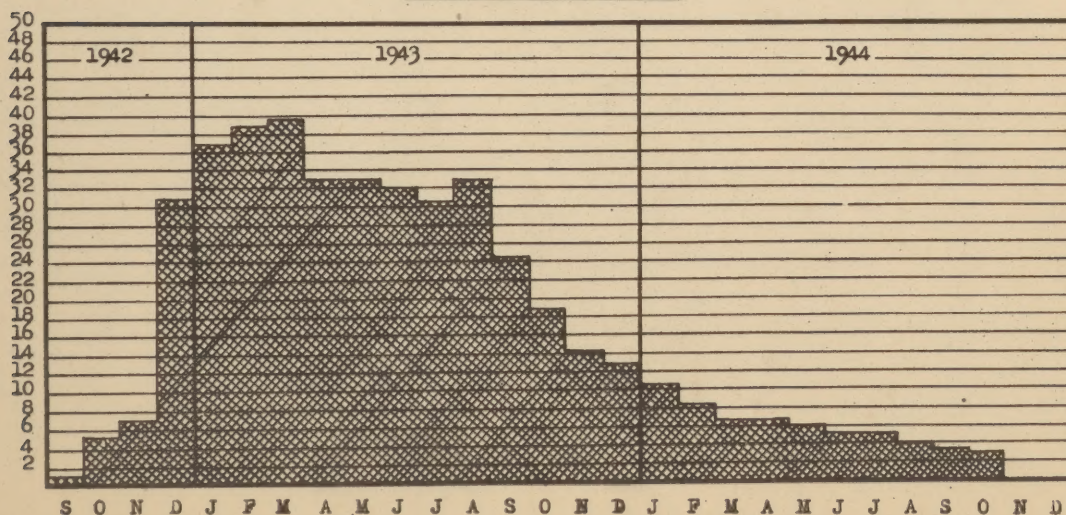
PRIMARY ATTACK RATE 21 20

RECURRENT ATTACK RATE 15 14

TOTAL 36 34

PERCENTAGE OF DISEASE HOSPITAL BEDS OCCUPIED BY

MALARIA CASES IN S.W.P.A.



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SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Hospital Beds in Theater		
	Fixed	Mobile	Total
Services of Supply	25300 (b)	400 (b)	25700
Far East Air Force		150 (a)	150
Sixth Army	* 22000 (a)(b)	4575 (a)(b)	26575
Eighth Army	2150 (b)	1825 (b)	3975
XIV Corps	1050 (b)	75 (b)	1125
Total	* 50500	7025	57525

- * (a). 2050 Fixed beds attached to Sixth Army from POA.
 75 Non-fixed beds attached to Sixth Army from POA.
 (b). Assigned.

b. Fixed Hospital Beds by Areas.

USASCS Bases

Area	Staging	Under Orders Out of Base	Con- struc- ting	T/O Oper- ating	Beds Occu- pied	% of Operating T/O Beds Occupied	Under Orders Into Base
7				250	244	97.6	
3				1150	642	55.8	
2				100	138	138.0	
1				200	89	44.5	
D							
A		2000		1650	1280	77.6	
B				2500	1352	54.0	
E				3250	1060	32.6	
F		2250		5250	4262	81.0	
G		1200		6000	5815	96.9	
H		400		4750	4406	92.8	
SHIPS				200			
Total	***	5850		25300	19288	76.2	

Army Supply Points

NOEMFOOR				500	309	61.8	
SANSAPOR				400	565	141.3	
WADKE		400		750			
NEW BRITAIN		750					
AITAPE		250					
MANUS	250			250	93	37.2	
MOROTAI				750	789	105.2	
LEYTE	650		8661	5439 **	3159	58.1	400
XIV CORPS		1050					
Total	900 ***	2450	8661	7339 **	4915	67.0	400
GRAND TOTAL	900 ***	8300	8661	32639 **	24203	74.2	400

** 2050 beds attached to Sixth Army from POA.

*** 5850 beds alerted for a future operation.

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EXHIBIT A
NON-BATTLE CASUALTY RATES.
A COMPARISON OF HOSPITAL ADMISSION RATES
PRIOR TO AND FOLLOWING ACCIDENT PREVENTION PROGRAM*



■ Rates for 8 months preceding program.

▨ Rates 5 months following institution of program.

* Hospital admission rates per 1000 per annum.

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TABLE I
Showing Increase in nutriment due to adding the
Ration-Supplement, Hospital (RSH) to standard rations

Type Ration	Calories	Protein		Fat		Carb- hyd.	A Int. Unit	VITAMINS				Calcium	Iron	Phos	Approximate lbs. per Ration
		Gms	Gms	Gms	Gms			B-1	B-2	Niacin	C				
								Mg	Mg	Mg	Mg	Mg	Mg	Mg	
C RSH	3574	(Varies)	113	126	491	Over 5000	1.33	2.60	12.7	60	(Not available)	(Not available)	3.85	(Varies)	4.3 Incl Case
X RSH	5519														
K&RSH	3160 to 3600	113	126	491	5000	Over	2.05	4.39	33.74	101	(Varies)	(Varies)	5.12	(Varies)	4.3 Incl Case
10-1	5545														
10-1, & RSH	3513	150	162	681	7034	Over	3.50	2.10	14.	153	1800	(Not avail.)	4.3 Incl Case	(Varies)	4.3 Incl Case
J RSH	5458	150	150	800	7034	Over	4.22	3.89	35.4	194	1800	(Not avail.)			
J&RSH	3729	105	129	535	5734	Over	3.0	2.40	12.8	60	1800	(Not avail.)	4.3 Incl Case	(Varies)	4.3 Incl Case
X RSH	5674	142	165	725	7768	Over	3.72	3.19	33.84	101	1800	(Not avail.)			
X&RSH	4645	141	193	578	13766	Over	1.60	2.75	26.5	74.2	1837	26.7	4.3 Incl Case	(Varies)	4.3 Incl Case
Exp-1	6590	178	229	768	15800	Over	2.32	4.54	47.54	115.	2936	31.6			
Exp-1 & RSH	3472	113	125	392	8914	Over	*2.45	*2.11	*23.7	*129.	872	26.5	4.3 Incl Case	(Varies)	4.3 Incl Case
Exp H (SGO)	5417	150	161	582	10948	Over	3.37	3.90	44.74	170	1971	31.4			
Exp H (SWPA)	4119	130	157	538	10573	Over	1.96	2.21	22.2	113	908	22.5	4.3 Incl Case	(Varies)	4.3 Incl Case
Exp H (SWPA)	4458	142	209	498	13444	Over	2.68	4.00	43.24	154	2007	27.4			
Min SWPA	(Not specified)	100	150	400	4000	Over	2.5*	2.20*	24.*	88*	995	25	4.3 Incl Case	(Varies)	4.3 Incl Case
RSH	3600	37.	36	190	5000	Over	2.6*	2.52*	25.*	131*	1247	25			
PNR	1945	70	(Not given)	400	2034	Over	1.00	2.00	10.	30	750	10	4.3 Incl Case	(Varies)	4.3 Incl Case
	3000			190	5000	Over	1.80	2.30	21.04	41.	800	12.9			
				190	5000	Over	.72	1.79	21.04	75.	1099	4.9	4.3 Incl Case	(Varies)	4.3 Incl Case
				190	5000	Over	1.80	2.30	21.04	75.	800	12.9			

o - Federal Security Administration, recommendations.
p - National Research Council, recommendations.
* - Preparation losses deducted.
Exp-1 - Expeditionary Force Ration (Tropic and Temperate).
Exp-H (SGO) - Expeditionary Force Ration for Patients.
H (SWPA) Patient Rations Specified by SWPA.

C - C Type Ration
K - K Type Ration
10-1 - 10-1 Type Ration
J - Jungle Type Ration
X - X Ration (SWPA)

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